



This is an arbitrary water location for the water level.

You can use a pre-made stopper or other item such as clay to keep the air out of the bottle.

Be sure to use a rigid glass bottle for the barometer.

Be sure to fill the bottle a third or half way up for best results.

This can be a glass tube used in a chemistry class or clear drinking straw.

### Some Tips for Creating your Bottle Barometer

- Be sure that you select a glass bottle. Otherwise, you will get false readings.

- A few drops of food coloring will allow for easier readings.

- Be sure to fill the bottle with liquid one third to half full, then add the tube and stopper. Once you seal the bottle, use an eye dropper to add liquid to the desired level.

- Be sure you take note of the barometric pressure for the day that you build your own barometer, so that trends can be predicted.

- Using a pre-made barometer will help you calibrate the one that you build.